

IN THE CLAIMS:

Please **AMEND** claims 1-14 and 17-23 as shown below.

Please **ADD** claim 24 as shown below.

1. (Currently Amended) A method, comprising: ~~of controlling radio resources in a telecommunications system supporting use of a plurality of data transfer rates in transmission of dedicated channels between a transmitter and a receiver, the method comprising:~~

adjusting a target signal-to-interference signal-to-interference to match a first data rate applied during a first transmission time interval of ~~the~~a dedicated channel, the target signal-to-interference configured to provide ~~providing~~ a reference signal-to-interference value for closed-loop power control; and

performing a comparison between a signal-to-interference measured from the dedicated channel transmitted at the first data rate and the target signal-to-interference,

wherein a transmit power control command is provided to ~~the~~a transmitter according to the comparison.

2. (Currently Amended) The method of claim 1, further comprising: ~~including~~ predicting the first data rate from received signaling ~~signalling~~ information.

3. (Currently Amended) The method of claim 1, further comprising: ~~including~~ estimating a change in a required signal-to-interference with respect to a change from a second data rate to the first data rate, the second data rate applied to the dedicated channel during a second transmission time interval transmitted prior to the first transmission time interval; and

adjusting the target signal-to-interference by using the change in the signal-to-interference and a target signal-to-interference that matches the second data rate.

4. (Currently Amended) The method of claim 1, further comprising:including:
adjusting the target signal-to-interference to provide a required quality of the dedicated channel.

5. (Currently Amended) The method of claim 1, further comprising:including:
indicating if the target signal-to-interference ratio falls outside a range of allowed signal-to-interference values; and

setting the target signal-to-interference to a value which falls within the range of the allowed signal-to-interference ratio values.

6. (Currently Amended) The method of claim 1, further comprising:including:
adjusting the target signal-to-interference ratio by using:
a target signal-to-interference ratio adjusted to match a second data rate applied in a transmission of a second transmission time interval transmitted prior to the first transmission time interval;

an error indicator value characterizing the reliability of decoding a third coding block transmitted prior to the first transmission time interval;

a target $\left(\frac{E_b}{N_o}\right)$ value corresponding to the required quality of the dedicated channel transmitted at the second data rate; and

a target $\left(\frac{E_b}{N_o}\right)$ value corresponding to the required quality of the dedicated channel transmitted at the first data rate.

7. (Currently Amended) The method of claim 1, further including comprising:

adjusting the target signal-to-interference ratio by using an error indicator value characterizing the reliability of decoding a third coding block transmitted prior to the first transmission time interval.

8. (Currently Amended) A system, comprising: ~~for controlling radio resources in telecommunications system supporting use of a plurality of data transfer rates in transmission of a dedicated channel transmitted from a transmitter to a receiver, the system comprising:~~

an adjusting unit connected to ~~the~~ a receiver, and configured to adjust for adjusting a target signal-to-interference ratio to match a first data rate applied during a first transmission time interval of the dedicated channel, the target signal-to-interference ratio configured to provide ~~providing~~ a reference signal-to-interference ratio value for closed-loop power control; and

a comparator configured to perform a comparison between a signal-to-interference ratio measured from the dedicated channel transmitted at the first data rate and the target signal-to-interference ratio,

wherein a transmitter is configured to receive a transmit power control command ~~is provided to the transmitter~~ according to the comparison.

9. (Currently Amended) The system of claim 8, further including comprising: a predicting unit, connected to the adjusting unit, configured to predict for predicting the first data rate from received signaling signalling information.

10. (Currently Amended) The system of claim 8, wherein the adjusting unit is further configured to estimate a change in a required signal-to-interference ratio with respect to a change from a second data rate to the first data rate, the second data rate applied to the dedicated channel during a second transmission time interval transmitted prior to the first transmission time interval; and

wherein the adjusting unit is further configured to adjust the target signal-to-interference ratio by using the change in the signal-to-interference ratio and a target signal-to-interference ratio that matches the second data rate.

11. (Currently Amended) The system of claim 8, wherein the adjusting unit is further configured to adjust the target signal-to-interference ratio to provide a required quality of the dedicated channel.

12. (Currently Amended) The system of claim 8, wherein the adjusting unit is further configured to indicate if the target signal-to-interference ratio falls outside a range of allowed signal-to-interference ratio values; and

wherein the adjusting unit is configured to set the target signal-to-interference ratio into a value which falls within the range of the allowed signal-to-interference ratio values.

13. (Currently Amended) The system of claim 8, wherein the adjusting unit is further configured to adjust the target signal-to-interference ratio by using:

a target signal-to-interference ratio adjusted to match a second data rate applied in transmission of a second transmission time interval transmitted prior to the first transmission time interval;

an error indicator value characterizing the reliability of decoding of a third coding block transmitted prior to the first transmission time interval;

a target $\left(\frac{E_b}{N_o}\right)$ value corresponding to the a required quality of the dedicated channel transmitted at the second data rate;

a target $\left(\frac{E_b}{N_o}\right)$ value corresponding to the required quality of the dedicated channel transmitted at the first data rate.

14. (Currently Amended) The system of claim 8, wherein the adjusting unit is further configured to adjust the target signal-to-interference ratio by using an error indicator value characterizing the reliability of decoding of a third coding block transmitted prior to the first transmission time interval.

15. (Original) The system of claim 8, wherein the receiver is located in a mobile station and the transmitter is located in a base station.

16. (Original) The system of claim 8, wherein the receiver is located in a base station and the transmitter is located in a mobile station.

17. (Currently Amended) An apparatus, comprising: ~~A radio network controller in telecommunications system supporting use of a plurality of data transfer rates in transmission of a dedicated channel from a transmitter to a receiver, the radio network controller comprising:~~

~~an adjusting unit connected to the a receiver, for adjusting configured to adjust~~ a target signal-to-interference ratio to match a first data rate applied during a first transmission time interval of the dedicated channel, the target signal-to-interference ratio configured to provide ~~providing~~ a reference signal-to-interference ratio value for closed-loop power control; and

~~means for generating a~~ comparator configured to generate a comparison between a signal-to-interference ratio measured from the dedicated channel transmitted at the first data rate and the target signal-to-interference ratio,

wherein a transmitter is configured to receive a transmit power control command ~~is provided to the transmitter~~ according to the comparison.

18. (Currently Amended) The ~~apparatus radio network controller~~ of claim 17, wherein the ~~radio network controller~~ further includes comprising:

a predicting unit, connected to the adjusting unit, ~~for predicting~~ configured to predict the first data rate from received signaling signalling information.

19. (Currently Amended) The ~~apparatus radio network controller~~ of claim 17, wherein the adjusting unit is further configured to estimate a change in a required signal-to-interference ratio with respect to a change from a second data rate to the first data rate, the second data rate applied to the dedicated channel during a second transmission time interval transmitted prior to the first transmission time interval; and

wherein the adjusting unit is further configured to adjust the target signal-to-interference ratio by using the change in the signal-to-interference ratio and a target signal-to-interference ratio that matches the second data rate.

20. (Currently Amended) The ~~apparatus radio network controller~~ of claim 17, wherein the adjusting unit is further configured to adjust the target signal-to-interference ratio to provide a required quality of the dedicated channel.

21. (Currently Amended) The ~~apparatus radio network controller~~ of claim 17, wherein the adjusting unit is further configured to indicate if the target signal-to-interference ratio falls outside a range of allowed signal-to-interference ratio values; and

wherein the adjusting unit is configured to set the target signal-to-interference ratio into a value which falls within the range of the allowed signal-to-interference ratio values.

22. (Currently Amended) The ~~apparatus radio network controller~~ of claim 17, wherein the adjusting unit is further configured to adjust the target signal-to-interference ratio by using:

a target signal-to-interference ratio adjusted to match a second data rate applied in transmission of a second transmission time interval transmitted prior to the first transmission time interval;

an error indicator value characterizing the reliability of decoding of a third coding block transmitted prior to the first transmission time interval;

a target $\left(\frac{E_b}{N_0}\right)$ value corresponding to ~~the~~a required quality of the dedicated channel transmitted at the second data rate;

a target $\left(\frac{E_b}{N_0}\right)$ value corresponding to the required quality of the dedicated channel transmitted at the first data rate.

23. (Currently Amended) ~~The apparatus~~ radio network controller of claim 17, wherein the adjusting unit is further configured to adjust the target signal-to-interference by using an error indicator value characterizing the reliability of decoding of a third coding block transmitted prior to the first transmission time interval.

24. (New) An apparatus, comprising:

adjusting means, connected to a receiver, for adjusting a target signal-to-interference ratio to match a first data rate applied during a first transmission time interval of the dedicated channel, the target signal-to-interference ratio configured to provide a reference signal-to-interference ratio value for closed-loop power control; and

comparing means for generating a comparison between a signal-to-interference ratio measured from the dedicated channel transmitted at the first data rate and the target signal-to-interference ratio,

wherein a transmitter is configured to receive a transmit power control command according to the comparison.